James Konuch
DaimlerChrysler
P.O. Box 9007
Kokomo, IN 46904-9007

Re: 067-11399
Administrative Amendment to
Part 70 Permit 067-6504-00005

Dear Mr. Konuch:

DaimlerChrysler was issued a Part 70 operation permit on September 2, 1999 for a transmission assembly plant located at 2401 South Reed Road, Kokomo, Indiana 46904. A letter requesting a revision was received on October 4, 1999. The request was made to make the following changes:

(a) change the person listed as the responsible official,
(b) correct typographical errors, including the description of one control device,
(c) remove one shot blasting unit, and
(d) modify the language in the oil sampling procedures.

Pursuant to the provisions of 326 IAC 2-7-11 an administrative amendment to this permit is hereby approved as described in the attached Technical Support Document and as follows:

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates machining, cleaning, and heat treating facilities to produce transmissions for use in automobiles and light duty trucks. The DaimlerChrysler Corporation Kokomo Transmission Plant and DaimlerChrysler Corporation Kokomo Casting Plant have been considered a single Title V major source. The combined source ID for the source is 067-00065.

Responsible Official:	~~Kenneth Moore~~ **James C. Peraino**
Source Address:	DaimlerChrysler Corporation Kokomo Transmission Plant 2401 S. Reed Road, Kokomo, Indiana 46904
Source Address:	DaimlerChrysler Corporation Kokomo Casting Plant 1001 East Boulevard, Kokomo, Indiana 46904
Mailing Address:	DaimlerChrysler Corporation, P.O. Box 9007 Kokomo, Indiana 46904-9007
SIC Code:	3714
County Location:	Howard
County Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

The Permittee owns and operates machining, cleaning, and heat treating facilities to produce transmissions for use in automobiles and light duty trucks. The DaimlerChrysler Corporation Kokomo Transmission Plant and DaimlerChrysler Corporation Kokomo Casting Plant have been considered a single Title V major source. The DaimlerChrysler Corporation Kokomo Casting Plant was issued a separate Title V permit under the Part 70 No. T067-5246-00065.

This DaimlerChrysler Corporation Kokomo Transmission Plant consists of the following emission units and pollution control devices:

1. One (1) spreader stoker boiler, identified as boiler 1, segment ID 1, fueled by coal, maximum heat capacity is 47 MMBtu per hour, using a cyclone as control, exhausting to the common stack boiler.

2. One (1) spreader stoker boiler, identified as boiler 2, segment ID 1, fueled by coal, maximum heat capacity is 47 MMBtu per hour, using a cyclone as control, exhausting to the common stack boiler.

3. One (1) spreader stoker boiler, identified as boiler 3, segment ID 1, fueled by coal, maximum heat capacity is 47 MMBtu per hour, using a cyclone as control, exhausting to the common stack boiler.

4. One (1) boiler, identified as boiler 4, segment ID 1, fueled by reclaimed residual oil, and segment ID 2, fueled by natural gas, maximum heat capacity is 90 MMBtu per hour, and exhausting to the common stack boiler.

5. One (1) boiler, identified as boiler 5, segment ID 1, fueled by natural gas, maximum heat capacity is 120 MMBtu per hour, and exhausting to the common stack boiler.

6. One (1) pneumatic shot blasting, identified as 324739, segment ID 2, media used is steel shot, using wet scrubber for control and exhausting to a stack.

7. One (1) pneumatic shot blasting, identified as AC- NK8991, segment ID 1, media used is walnut shell, using a wet scrubber as control and exhausting to a stack.

8. One (1) pneumatic shot blasting, identified as NK5448, segment ID 2, media used is steel shot, using wet scrubber for control and exhausting to a stack.

9. Four (4) pneumatic shot blasting, identified as 180732, 132641, 180532, 180548 segment ID 2, media used is steel shot, using a wet scrubber to control facilities 132641, 180532, 180548 and ~~a baghouse to control facility~~ 180732, and exhausting to a stack.

10. One (1) pneumatic shot blasting, identified as 199672, segment ID 2, media used is steel shot, using wet scrubber for control and exhausting to a stack.

11. One (1) pneumatic shot blasting, identified as 132544, segment ID 2, media used is steel shot, using wet scrubber for control and exhausting to a stack.

12. ~~Two (2)~~ **One (1)** pneumatic shot blasting, identified as **220545** ~~220554, and 220544 segment ID 2~~, media used is steel shot, using wet scrubber for control and exhausting to a stack.

13. Four (4) reciprocating internal combustion engines, identified as dyna, segment ID 1, fueled by gasoline, combined heat capacity is 16.8 MMBtu per hour and exhausting to stacks.

14. Several cold cleaner basins, identified as CC, segment ID 1, solvent used is stoddard, agitation method is manual dip and/or spray, a lid is used as control when the degreasing operation is not in use.

15. Maintenance painting, identified as MAINTPT, segment ID 1.

16. One (1) Wheelabrator Multi table Shotblast Deburr identified as AAA006276, media used is steel shot, recirculation rate is 48,000 pounds per hour, using a wet scrubber for control.

17. One (1) Wheelabrator #22 Super III Tumblast identified as AAA012334, media used is steel shot, recirculation rate is 56,760 pounds per hour, using a wet scrubber for control.

18. One (1) Engineered Abrasive Shot Blaster identified as AAA018493, media used is steel shot, recirculation rate is 80 pounds per hour, using a cartridge bag house for control and exhausting inside the plant;

19. One (1) Engineered Abrasive Shot Blaster identified as AAA018494, media used is steel shot, recirculation rate is 80 pounds per hour, using a wet scrubber for control.

D.1.6 Sulfur Dioxide Emissions and Sulfur Content [326 IAC 2-7-5(A)] [326 IAC 2-7-6]

Pursuant to 326 IAC 7-2, the Permittee shall demonstrate that the sulfur dioxide emissions do not exceed six (6.0) pounds per MMBtu. Compliance shall be determined utilizing one of the following options:

(a) Coal sampling and analysis shall be performed using one of the following procedures:

(1) Minimum Coal Sampling Requirements and Analysis Methods [326 IAC 3-7-2(b)(3)]:

(A) The coal sample acquisition point shall be at a location where representative samples of the total coal flow to be combusted by the facility or facilities may be obtained. A single as-bunkered or as-burned sampling station may be used to represent the coal to be combusted by multiple facilities using the same stockpile feed system;

(B) Coal shall be sampled at least three (3) times per day and at least one (1) time per eight (8) hour period unless no coal is bunkered during the preceding eight (8) hour period;

(C) Minimum sample size shall be five hundred (500) grams;

(D) Samples shall be composited and analyzed at the end of each calendar month;

(E) Preparation of the coal sample, heat content analysis, and sulfur content analysis shall be determined pursuant to 326 IAC 3-7-2(c), (d), (e); or

(2) Sample and analyze the coal pursuant to 326 IAC 3-7-2(a)**; or**

(3) Sample and analyze the coal pursuant to 326 IAC 3-7-3~~; or~~

(b) Upon written notification to IDEM by a facility owner or operator, continuous emission monitoring data collected and reported pursuant to 326 IAC 3-5-1 may be used as the means for determining compliance with the emission limitations in 326 IAC 7-2. Upon such notification, the other requirements of 326 IAC 7-2 shall not apply. [326 IAC 7-2-1(e)]

(c) Compliance or noncompliance with the emission limitations contained in 326 IAC 7-1.1 or 326 IAC 7-4 can be determined by a stack test in accordance with 40 CFR 60, Appendix A, Method 6, 6A, 6C, or 8.

A determination of noncompliance pursuant to any of the methods specified in (a), (b), or (c) above shall not be refuted by evidence of compliance pursuant to the other method.

D.2.4 Sulfur Dioxide Emissions and Sulfur Content for reclaimed residual oil

Compliance shall be determined utilizing one of the following options.

(a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the fuel oil sulfur content does not exceed one and five-tenths percent (1.5%):

Analyzing the oil sample to determine the sulfur content via the procedures in ASTM test methods as described in ~~326 IAC 3-3-4(a~~) **326 IAC 3-7-4(a)**.

~~Daily oil samples shall be collected from each tank unless the tank(s) have not been refilled that day~~. **After replenishing the oil in any tank, but prior to burning oil from that tank, oil samples shall be collected from that tank and the testing shall be completed.** A composite of the samples shall be analyzed on a weekly basis. **Test results of oil that has not yet been burned shall be excluded from the composite.** If the weekly analysis for oil sulfur content is less than or equal to 80% of the 1.5% (1.2%) limit for a one month period then the ~~testing~~ **analysis** procedures will be changed as follows:

~~Daily oil samples shall be collected from each tank unless the tank(s) have not been refilled that day~~. A composite of the samples shall be analyzed on a monthly basis. **Test results of oil that has not yet been burned shall be excluded from the composite.** If the monthly analysis exceeds 80% of the 1.5% (i.e.1.2% sulfur by weight) limit, then weekly analysis will again be required until the sulfur content is less than or equal to 80% of the 1.5% (i.e., 1.2% sulfur by weight) limit for a one month period.

(b) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from Boiler 4, using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6.

A determination of noncompliance pursuant to either of the methods specified in (a) or (b) above shall not be refuted by evidence of compliance pursuant to the other method.

~~D.6.9 Baghouse Inspections~~

~~An inspection shall be performed each calender quarter of all bags (or paper cartridge filters) controlling the associated shot blasting operations when venting to the atmosphere. A baghouse inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections are optional when venting to the indoors. All defective bags shall be replaced.~~

~~D.6.10 Broken or Failed Bag Detection~~

~~In the event that bag failure has been observed:~~

~~(a) The affected compartments will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).~~

~~(b) For single compartment baghouses, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).~~

D.7.1 Nonattainment Area Particulate Limitations [326 IAC 6-1-2]

Pursuant to 326 IAC 6-1-2 [Nonattainment Area Particulate Limitations] the shot blasters shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)).

Process/Facility	Process Exhaust (scfm)	PM/PM_{10} Allowable Emissions (lbs/hr)	Rule Requirement gr/dscf
Shot Blaster 324739	16,000	4.1	0.03
Shot Blaster 199672	16,000	4.1	0.03
Shot Blaster 132544	16,000	4.1	0.03
Shot Blaster ~~220554~~ **220545**	16,000	4.1	0.03
~~Shot Blaster 220544~~	~~16,000~~	~~4.1~~	~~0.03~~

D.7.6 Testing Requirements [326 IAC 2-7-6(1)]

During the period within 36 months after issuance of this permit, the Permittee shall perform PM testing utilizing Methods 5 or 17 (40 CFR 60, Appendix A) for PM, or other methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration for **220545** ~~any one of the shotblast units identified as 220554, and 220544~~.

Furthermore, the facility description in Section D.6 is hereby amended as follows:

Facility Description [326 IAC 2-7-5(15)] The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.

Four (4) pneumatic shot blasting, identified as 180732, 132641, 180532, 180548 segment ID 2, media used is steel shot, using a wet scrubber to control facilities 132641, 180532, 180548 and ~~a baghouse to control facility~~ 180732, and exhausting to a stack. (Installation date is December 1977.)

The facility description in Section D.7 is hereby amended as follows:

Facility Description [326 IAC 2-7-5(15)] The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.

One (1) pneumatic shot blasting, identified as 324739, segment ID 2, media used is steel shot, shot circulation rate is 24 tons per hour, using wet scrubber for control. (Installation date is September, 1998).

One (1) pneumatic shot blasting, identified as 199672, segment ID 2, media used is steel shot, shot circulation rate is 18 tons per hour, using wet scrubber for control. (Installation date is April 1984.)

One (1) pneumatic shot blasting, identified as 132544, segment ID 2, media used is steel shot, shot circulation rate is 18 tons per hour, using wet scrubber for control. (Installation date is April 1985.)

~~Two (2~~ **One (1)** pneumatic shot blasting, identified as **220545** ~~220554, and 220544 segment ID 2~~, media used is steel shot, using wet scrubber for control and exhausting to a stack. (Installation date is May 1988.)

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this administrative amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Allen R. Davidson at (800) 451-6027, press 0 and ask for extension 3-5693, or dial (317) 233-5693.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments
ARD

cc: File - Howard County
U.S. EPA, Region V
Howard County Health Department
Air Compliance Section Inspector - Ryan Hillman
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

PART 70 OPERATING PERMIT
ADMINISTRATIVE AMENDMENT
OFFICE OF AIR MANAGEMENT

DaimlerChrysler Corporation
Kokomo Transmission Plant, Plt ID 067-00003
2401 S. Reed Road
Kokomo, Indiana 46904

and

DaimlerChrysler Corporation
Kokomo Casting Plant, Plt ID 067-00002
1001 East Boulevard
Kokomo, Indiana 46904

(DaimlerChrysler Corporation, Kokomo Casting Plant was issued a separate Title V permit, T067-5246-00065. Each is considered part of one Title V major source)

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 and 326 IAC 2-1-3.2 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T067-6504-00065	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date:

First Administrative Amendment 067-11399-00065	Pages Amended: 7-8, 36, 44-48
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

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D.7 FACILITY OPERATION CONDITIONS - Shot Blasters

Emission Limitations and Standards [326 IAC 2-7-5(1)]

Compliance Determination Requirements

SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates machining, cleaning, and heat treating facilities to produce transmissions for use in automobiles and light duty trucks. The DaimlerChrysler Corporation Kokomo Transmission Plant and DaimlerChrysler Corporation Kokomo Casting Plant have been considered a single Title V major source. The combined source ID for the source is 067-00065.

Responsible Official:	James C. Peraino
Source Address:	DaimlerChrysler Corporation Kokomo Transmission Plant 2401 S. Reed Road, Kokomo, Indiana 46904
Source Address:	DaimlerChrysler Corporation Kokomo Casting Plant 1001 East Boulevard, Kokomo, Indiana 46904
Mailing Address:	DaimlerChrysler Corporation, P.O. Box 9007 Kokomo, Indiana 46904-9007
SIC Code:	3714
County Location:	Howard
County Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

The Permittee owns and operates machining, cleaning, and heat treating facilities to produce transmissions for use in automobiles and light duty trucks. The DaimlerChrysler Corporation Kokomo Transmission Plant and DaimlerChrysler Corporation Kokomo Casting Plant have been considered a single Title V major source. The DaimlerChrysler Corporation Kokomo Casting Plant was issued a separate Title V permit under the Part 70 No. T067-5246-00065.

This DaimlerChrysler Corporation Kokomo Transmission Plant consists of the following emission units and pollution control devices:

1. One (1) spreader stoker boiler, identified as boiler 1, segment ID 1, fueled by coal, maximum heat capacity is 47 MMBtu per hour, using a cyclone as control, exhausting to the common stack boiler.

2. One (1) spreader stoker boiler, identified as boiler 2, segment ID 1, fueled by coal, maximum heat capacity is 47 MMBtu per hour, using a cyclone as control, exhausting to the common stack boiler.

3. One (1) spreader stoker boiler, identified as boiler 3, segment ID 1, fueled by coal, maximum heat capacity is 47 MMBtu per hour, using a cyclone as control, exhausting to the common stack boiler.

4. One (1) boiler, identified as boiler 4, segment ID 1, fueled by reclaimed residual oil, and segment ID 2, fueled by natural gas, maximum heat capacity is 90 MMBtu per hour, and exhausting to the common stack boiler.

5. One (1) boiler, identified as boiler 5, segment ID 1, fueled by natural gas, maximum heat capacity is 120 MMBtu per hour, and exhausting to the common stack boiler.

6. One (1) pneumatic shot blasting, identified as 324739, segment ID 2, media used is steel shot, using wet scrubber for control and exhausting to a stack.

7. One (1) pneumatic shot blasting, identified as AC- NK8991, segment ID 1, media used is walnut shell, using a wet scrubber as control and exhausting to a stack.

8. One (1) pneumatic shot blasting, identified as NK5448, segment ID 2, media used is steel shot, using wet scrubber for control and exhausting to a stack.

9. Four (4) pneumatic shot blasting, identified as 180732, 132641, 180532, 180548 segment ID 2, media used is steel shot, using a wet scrubber to control facilities 132641, 180532, 180548 and 180732, and exhausting to a stack.

10. One (1) pneumatic shot blasting, identified as 199672, segment ID 2, media used is steel shot, using wet scrubber for control and exhausting to a stack.

11. One (1) pneumatic shot blasting, identified as 132544, segment ID 2, media used is steel shot, using wet scrubber for control and exhausting to a stack.

12. One (1) pneumatic shot blasting, identified as 220545, media used is steel shot, using wet scrubber for control and exhausting to a stack.

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18. One (1) Engineered Abrasive Shot Blaster identified as AAA018493, media used is steel shot, recirculation rate is 80 pounds per hour, using a cartridge bag house for control and exhausting inside the plant;

19. One (1) Engineered Abrasive Shot Blaster identified as AAA018494, media used is steel shot, recirculation rate is 80 pounds per hour, using a wet scrubber for control.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

1. Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) BTU per hour.

2. Fuel oil-fired combustion sources with heat input equal to or less than two million (2,000,000) Btu per hour and firing fuel containing less than five-tenths (0.5) percent sulfur by weight.

3. Equipment powered by internal combustion engines of capacity equal to or less than 500,000 Btu per hour, except where total capacity of equipment operated by one stationary source exceeds 2,000,000 Btu per hour.

4. Combustion source flame safety purging on startup.

5. A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons.

6. A petroleum fuel, other than gasoline, dispensing facility having a storage capacity less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.

7. The following VOC and HAP storage container: Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids.

8. Application of oils, greases, lubricants, or other nonvolatile materials applied as temporary protective coatings.

9. Closed loop heating and cooling systems.

10. Groundwater oil recovery wells.

11. Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume.

12. Any operation using aqueous solutions containing less than 1% by weight of VOC's, excluding HAPs.

13. Forced and induced draft cooling tower system not regulated under a NESHAP.

14. Quenching operations used with heat treating processes.

15. Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment.

16. Heat exchanger cleaning and repair.

17. Stockpiled soils from soil remediation activities that are covered and waiting transportation for disposal.

18. Paved and unpaved roads and parking lots with public access.

19. Covered conveyors for coal or coke conveying less than or equal to 360 tons per day.

20. Uncovered coal conveying of less than or equal to 120 tons per day.

21. Underground conveyors.

22. Coal bunker and coal scale exhausts and associated dust collector vents.

23. Asbestos abatement projects regulated by 326 IAC 14-10.

24. Purging of gas lines and vessels that is related to routine maintenance and repair of buildings, structures, or vehicles at the source where air emissions from those activities would not be associated with any production process.

25. Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks and fluid handling equipment.

26. Blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling tower.

27. Gasoline generators not exceeding 110 horsepower.

28. Diesel generators not exceeding 1600 horsepower.

29. Stationary fire pumps.

30. Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including the following: deburring; polishing; abrasive blasting; pneumatic conveying; and woodworking operations.

31. Filter or coalescer media change out.

32. Vents from ash transport systems not operated at positive pressure.

33. A laboratory as defined in 326 IAC 2-7-1 (20)(c).

34. Metal Cleaning - Powder Cleaner

35. Metal Cleaning - Acid/Caustic Cleaner

36. Abrasive Cleaning - Deburring Liquid

37. Production Welding

38. Gasoline Storage

39. Diesel Storage

40. Reclaimed Oil Storage

41. Tinning

42. WWTP Sulfuric Acid Storage

43 Ink usage, identified as ink, segment ID 1.

44. Floor cleaner, identified as MAINTFC, segment ID 1.

45. Multiple individual machining operations, identified as MACH, segment ID 1, consisting of an oil mist from cutting oil, synthetic grinding coolant, and drilling oil, using air washers (scrubbers), and dust collectors as control.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

(a) It is a major source, as defined in 326 IAC 2-7-1(22);

(b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B GENERAL CONDITIONS

B.1 Permit No Defense [326 IAC 2-1-10] [IC 13]

(a) Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7.

(b) This prohibition shall not apply to alleged violations of applicable requirements for which the Commissioner has granted a permit shield in accordance with 326 IAC 2-1-3.2 or 326 IAC 2-7-15, as set out in this permit in the Section B condition entitled “Permit Shield.”

B.2 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, any applicable definitions found in IC 13-11, 326 IAC 1-2 and 326 IAC 2-7 shall prevail.

B.3 Permit Term [326 IAC 2-7-5(2)]

This permit is issued for a fixed term of five (5) years from the effective date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3.

B.4 Enforceability [326 IAC 2-7-7(a)]

(a) All terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM.

(b) Unless otherwise stated, terms and conditions of this permit, including any provisions to limit the source’s potential to emit, are enforceable by the United States Environmental Protection Agency (U.S. EPA) and citizens under the Clean Air Act.

B.5 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source’s existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.6 Severability [326 IAC 2-7-5(5)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.7 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

B.8 Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)]

(a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

(b) The Permittee shall furnish to IDEM, OAM, within a reasonable time, any information that IDEM, OAM, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.

(c) Upon receipt of a written request, the Permittee shall also furnish to IDEM, OAM, copies of records required to be kept by this permit. If the Permittee wishes to assert a claim of confidentiality over any of the furnished records, the Permittee must furnish such records to IDEM, OAM, along with a claim of confidentiality under 326 IAC 17. If requested by IDEM, OAM, or the U.S. EPA, to furnish copies of requested records directly to U. S. EPA, and if the Permittee is making a claim of confidentiality regarding the furnished records, then the Permittee must furnish such confidential records directly to the U.S. EPA along with a claim of confidentiality under 40 CFR 2, Subpart B.

B.9 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]

(a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit constitutes a violation of the Clean Air Act and is grounds for:

(1) Enforcement action;

(2) Permit termination, revocation and reissuance, or modification; or

(3) Denial of a permit renewal application.

(b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

B.10 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)]

(a) Any application form, report, or compliance certification submitted under this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, and any other certification required under this permit, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) One (1) certification shall be included, on the attached Certification Form, with each submittal.

(c) A responsible official is defined at 326 IAC 2-7-1(34).

B.11 Annual Compliance Certification [326 IAC 2-7-6(5)]

(a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

(b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.

(c) The annual compliance certification report shall include the following:

(1) The identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was based on continuous or intermittent data;

(4) The methods used for determining compliance of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3);

(5) Any insignificant activity that has been added without a permit revision; and

(6) Such other facts, as specified in Sections D of this permit, as IDEM, OAM, may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.12 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)] [326 IAC 1-6-3]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMP) within ninety (90) days after issuance of this permit, including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions;

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If due to circumstances beyond its control, the PMP cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

(b) The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that lack of proper maintenance does not cause or contribute to a violation of any limitation on emissions or potential to emit.

(c) PMP's shall be submitted to IDEM, OAM, upon request and shall be subject to review and approval by IDEM, OAM.

B.13 Emergency Provisions [326 IAC 2-7-16]

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-7-16.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAM, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Management, Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967

(5) For each emergency lasting one (1) hour or more, the Permittee submitted notice, either in writing or facsimile, of the emergency to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions) for sources subject to this rule after the effective date of this rule. This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) IDEM, OAM, may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(9) be revised in response to an emergency.

(f) Failure to notify IDEM, OAM, by telephone or facsimile of an emergency lasting more than one (1) hour in compliance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

(g) Operations may continue during an emergency only if the following conditions are met:

(1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

(2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:

(A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and

(B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value.

Any operation shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

B.14 Permit Shield [326 IAC 2-7-15]

(a) This condition provides a permit shield as addressed in 326 IAC 2-7-15.

(b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. Compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that:

(1) The applicable requirements are included and specifically identified in this permit; or

(2) The permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable.

(c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAM, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

(d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application.

(e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;

(2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and

(4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.

(f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).

(g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAM, has issued the modifications. [326 IAC 2-7-12(c)(7)]

(h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAM, has issued the modification. [326 IAC 2-7-12(b)(8)]

B.15 Multiple Exceedances [326 IAC 2-7-5(1)(E)]

Any exceedance of a permit limitation or condition contained in this permit, which occurs contemporaneously with an exceedance of an associated surrogate or operating parameter established to detect or assure compliance with that limit or condition, both arising out of the same act or occurrence, shall constitute a single potential violation of this permit.

B.16 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

(a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015
within ten (10) calendar days from the date of the discovery of the deviation.

(b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:

(1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or

(2) An emergency as defined in 326 IAC 2-7-1(12); or

(3) Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.

(4) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

(c) Written notification shall be submitted on the attached Emergency/Deviation Occurrence Reporting Form or its substantial equivalent. The notification does not need to be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

(d) Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.

B.17 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)]

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAM, determines any of the following:

(1) That this permit contains a material mistake.

(2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]

(c) Proceedings by IDEM, OAM, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAM, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAM, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.18 Permit Renewal [326 IAC 2-7-4]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAM, and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40).
Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

(b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]

(1) A timely renewal application is one that is:

(A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

(B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due.

If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due. [326 IAC 2-5-3]

(2) If IDEM, OAM, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

(c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAM, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAM, any additional information identified as being needed to process the application.

(d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]
If IDEM, OAM, fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.19 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:
Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application should be certified by the "responsible official" as defined by 326 IAC 2-7-1(34) only if a certification is required by the terms of the applicable rule

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.20 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)]

(a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

(b) Notwithstanding 326 IAC 2-7-12(b)(1)(D)(i) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.21 Changes Under Section 502(b)(10) of the Clean Air Act [326 IAC 2-7-20(b)]

The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a) and the following additional conditions:

(a) For each such change, the required written notification shall include a brief description of the change within the source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(b) The permit shield, described in 326 IAC 2-7-15, shall not apply to any change made under 326 IAC 2-7-20(b).

B.22 Operational Flexibility [326 IAC 2-7-20]

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any approval required by 326 IAC 2-1 has been obtained;

(3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

(4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

(5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAM, in the notices specified in 326 IAC 2-7-20(b), (c)(1), and (e)(2).

(b) For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

(1) A brief description of the change within the source;

(2) The date on which the change will occur;

(3) Any change in emissions; and

(4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).

(d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAM, or U.S. EPA is required.

(e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.23 Construction Permit Requirement [326 IAC 2]

Except as allowed by Indiana P.L. 130-1996 Section 12, as amended by P.L. 244-1997, modification, construction, or reconstruction shall be approved as required by and in accordance with 326 IAC 2.

B.24 Inspection and Entry [326 IAC 2-7-6(2)]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, the Permittee shall allow IDEM, OAM, U.S. EPA, or an authorized representative to perform the following:

(a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

(c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.
[326 IAC 2-7-6(6)]

(1) The Permittee may assert a claim that, in the opinion of the Permittee, information removed or about to be removed from the source by IDEM, OAM, or an authorized representative, contains information that is confidential under IC 5-14-3-4(a). The claim shall be made in writing before or at the time the information is removed from the source. In the event that a claim of confidentiality is so asserted, neither IDEM, OAM, nor an authorized representative, may disclose the information unless and until IDEM, OAM, makes a determination under 326 IAC 17-1-7 through 326 IAC 17-1-9 that the information is not entitled to confidential treatment and that determination becomes final. [IC 5-14-3-4; IC 13-14-11-3; 326 IAC 17-1-7 through 326 IAC 17-1-9]

(2) The Permittee, and IDEM, OAM, acknowledge that the federal law applies to claims of confidentiality made by the Permittee with regard to information removed or about to be removed from the source by U.S. EPA. [40 CFR Part 2, Subpart B]

B.25 Transfer of Ownership or Operation [326 IAC 2-1-6] [326 IAC 2-7-11]

Pursuant to 326 IAC 2-1-6 and 326 IAC 2-7-11:

(a) In the event that ownership of this source is changed, the Permittee shall notify IDEM, OAM, Permits Branch, within thirty (30) days of the change. Notification shall include a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the Permittee and the new owner.

(b) The written notification shall be sufficient to transfer the permit to the new owner by an administrative amendment pursuant to 326 IAC 2-7-11. The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) IDEM, OAM, shall reserve the right to issue a new permit.

B.26 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

(a) The Permittee shall pay annual fees to IDEM, OAM, within thirty (30) calendar days of receipt of a billing. If the Permittee does not receive a bill from IDEM, OAM the applicable fee is due April 1 of each year, unless a different schedule is allowed by 326 IAC 2-7-19.

(b) Failure to pay may result in administrative enforcement action, or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAM, Technical Support and Modeling Section), to determine the appropriate permit fee.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

C.1 Major Source

Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21, this source is a major source.

C.2 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

C.3 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Visible Emissions Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), visible emissions shall meet the following, unless otherwise stated in this permit:

(a) Visible emissions shall not exceed an average of forty percent (40%) opacity in twenty-four (24) consecutive readings, as determined in 326 IAC 5-1-4.

(b) Visible emissions shall not exceed sixty percent (60%) opacity for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) in a six (6) hour period.

C.4 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

C.5 Incineration [326 IAC 4-2][326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.

C.6 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.7 Operation of Equipment [326 IAC 2-7-6(6)]

All air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

C.8 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted.

C.9 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are mandatory for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

(f) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

C.10 Performance Testing [326 IAC 3-6]

(a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing methods approved by IDEM, OAM.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.

(b) All test reports must be received by IDEM, OAM within forty-five (45) days after the completion of the testing. An extension may be granted by the Commissioner, if the source submits to IDEM, OAM, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

The documentation submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.11 Compliance Schedule [326 IAC 2-7-6(3)]

The Permittee:

(a) Has certified that all facilities at this source are in compliance with all applicable requirements; and

(b) Has submitted a statement that the Permittee will continue to comply with such requirements; and

(c) Will comply with such applicable requirements that become effective during the term of this permit.

C.12 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment, no more than ninety (90) days after receipt of this permit. If due to circumstances beyond its control, this schedule cannot be met, the Permittee may extend compliance schedule an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

C.13 Maintenance of Monitoring Equipment [326 IAC 2-7-5(3)(A)(iii)]

(a) In the event that a breakdown of the monitoring equipment occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem. To the extent practicable, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less frequent than required in Section D of this permit until such time as the monitoring equipment is back in operation. In the case of continuous monitoring, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less than one (1) hour until such time as the continuous monitor is back in operation.

(b) The Permittee shall install, calibrate, quality assure, maintain, and operate all necessary monitors and related equipment. In addition, prompt corrective action shall be initiated whenever indicated.

C.14 Monitoring Methods [326 IAC 3]

Any monitoring or testing performed to meet the applicable requirements of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, or other approved methods as specified in this permit.

C.15 Pressure Gauge Specifications

Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (±2%) of full scale reading.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.16 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

(a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

(b) These ERPs shall be submitted for approval to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ninety (90) days after the date of issuance of this permit.

The ERP does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

(c) If the ERP is disapproved by IDEM, OAM, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.

(d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.

(e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.

(f) Upon direct notification by IDEM, OAM, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.17 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present in a process in more than the threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall:

(a) Submit:

(1) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or

(2) As a part of the compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and

(3) A verification to IDEM, OAM, that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.

(b) Provide annual certification to IDEM, OAM, that the Risk Management Plan is being properly implemented.

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.18 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5][326 IAC 2-7-6] [326 IAC 1-6]

(a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:

(1) This condition;

(2) The Compliance Determination Requirements in Section D of this permit;

(3) The Compliance Monitoring Requirements in Section D of this permit;

(4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and

(5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAM upon request and shall be subject to review and approval by IDEM, OAM. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of :

(A) Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and

(B) A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.

(b) For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.

(c) After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:

(1) The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.

(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied or;

(3) An automatic measurement was taken when the process was not operating; or

(4) The process has already returned to operating within "normal" parameters and no response steps are required.

(d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

C.19 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAM, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAM shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAM within thirty (30) days of receipt of the notice of deficiency. IDEM, OAM reserves the authority to use enforcement activities to resolve noncompliant stack tests.

(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAM that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAM may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for revocation of the permit to operate the affected facility.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.20 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]

(a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:

(1) Indicate actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);

(2) Indicate actual emissions of other regulated pollutants from the source, for purposes of Part 70 fee assessment.

(b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

(c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.

(d) The DaimlerChrysler Corporation Kokomo Transmission Plant and the DaimlerChrysler Corporation Kokomo Casting Plant have been determined to be one source for Title V, separate Title V permits have been issued for administrative purposes. DaimlerChrysler Corporation Kokomo Casting Plant was issued Title V permit, 067-5246-00002. The emissions information for each plant shall be submitted on separate emissions statements. The emission statement submitted by DaimlerChrysler Corporation Kokomo Transmission Plant shall include the original plant ID of 067-00002 and the combined source plant ID of 067-00065.

C.21 Monitoring Data Availability [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)]

(a) With the exception of performance tests conducted in accordance with Section C-Performance Testing, all observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.

(b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.

(c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.

(d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.

(e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.

(f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.

C.22 General Record Keeping Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-6]

(a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years and available upon the request of an IDEM, OAM, representative. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Records of required monitoring information shall include, where applicable:

(1) The date, place, and time of sampling or measurements;

(2) The dates analyses were performed;

(3) The company or entity performing the analyses;

(4) The analytic techniques or methods used;

(5) The results of such analyses; and

(6) The operating conditions existing at the time of sampling or measurement.

(c) Support information shall include, where applicable:

(1) Copies of all reports required by this permit;

(2) All original strip chart recordings for continuous monitoring instrumentation;

(3) All calibration and maintenance records;

(4) Records of preventive maintenance shall be sufficient to demonstrate that improper maintenance did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.

(d) All record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.23 General Reporting Requirements [326 IAC 2-7-5(3)(C)]

(a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Quarterly Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported.

(b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.

(d) Unless otherwise specified in this permit, any quarterly report shall be submitted within thirty (30) days of the end of the reporting period.

(e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports.

(f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.

(g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Stratospheric Ozone Protection

C.24 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

(a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.

(b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

(c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.

One (1) spreader stoker boiler, identified as Boiler 1, segment ID 1, fueled by coal, maximum heat capacity is 47 MMBtu per hour, using a cyclone as control, exhausting to the common stack boiler.

One (1) spreader stoker boiler, identified as Boiler 2, segment ID 1, fueled by coal, maximum heat capacity is 47 MMBtu per hour, using a cyclone as control, exhausting to the common stack boiler.

One (1) spreader stoker boiler, identified as Boiler 3, segment ID 1, fueled by coal, maximum heat capacity is 47 MMBtu per hour, a using cyclone as control, exhausting to the common stack boiler.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 326 IAC 6-1-15 Nonattainment area particulate limitations: Howard County

Pursuant to 326 IAC 6-1-15 (Howard County) particulate emissions shall be limited to 875.7 tons per year and 0.75 pounds per million Btu for Boiler 1, Boiler 2, Boiler 3, Boiler 4 and Boiler 5.

D.1.2 Sulfur Dioxide (SO_2) [326 IAC 7-1.1-1]

Pursuant to 326 IAC 7-1.1 (SO_2 Emissions Limitations) the SO_2 emissions from each MM 47 Btu per hour coal fired boilers shall not exceed six (6.0) pounds per MMBtu heat input. Based on a heating value of 11,943 Btu per 1 pound of coal, the fuel sulfur content of the coal used for fuel shall be limited to 3.8 percent (%).

D.1.3 Preventive Maintenance Plan [326 IAC 2-7-4(c)(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and its control device.

D.1.4 Nonapplicable Requirements [326 IAC 2-7-5 (a)(2)]

The requirements that are not applicable to this boiler in accordance with Section B - Permit Shield, of this permit and 326 IAC 2-7-15 have been determined to be as follows:

(a) Boiler 1, Boiler 2, and Boiler 3 are exempt from 40 CFR Part 60.40c Subpart Dc since the boilers were constructed in 1955 which predates Subpart Dc applicability date of June 9, 1989.

(b) There are no New Source Performance Standards (326 IAC 12) applicable to this source.

Compliance Determination Requirements

D.1.5 Testing Requirements [326 IAC 2-7-6(1),(6)]

Within 12 months after issuance of this permit, the Permittee shall perform PM testing simultaneously for Boiler 1, Boiler 2, Boiler 3, Boiler 4 and Boiler 5 utilizing Methods 5 or 17 (40 CFR 60, Appendix A) for PM, or other methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration for Boiler 1, Boiler 2, and Boiler 3.

D.1.6 Sulfur Dioxide Emissions and Sulfur Content [326 IAC 2-7-5(A)] [326 IAC 2-7-6]

Pursuant to 326 IAC 7-2, the Permittee shall demonstrate that the sulfur dioxide emissions do not exceed six (6.0) pounds per MMBtu. Compliance shall be determined utilizing one of the following options:

(a) Coal sampling and analysis shall be performed using one of the following procedures:

(1) Minimum Coal Sampling Requirements and Analysis Methods [326 IAC 3-7-2(b)(3)]:

(A) The coal sample acquisition point shall be at a location where representative samples of the total coal flow to be combusted by the facility or facilities may be obtained. A single as-bunkered or as-burned sampling station may be used to represent the coal to be combusted by multiple facilities using the same stockpile feed system;

(B) Coal shall be sampled at least three (3) times per day and at least one (1) time per eight (8) hour period unless no coal is bunkered during the preceding eight (8) hour period;

(C) Minimum sample size shall be five hundred (500) grams;

(D) Samples shall be composited and analyzed at the end of each calendar month;

(E) Preparation of the coal sample, heat content analysis, and sulfur content analysis shall be determined pursuant to 326 IAC 3-7-2(c), (d), (e); or

(2) Sample and analyze the coal pursuant to 326 IAC 3-7-2(a); or

(3) Sample and analyze the coal pursuant to 326 IAC 3-7-3.

(b) Upon written notification to IDEM by a facility owner or operator, continuous emission monitoring data collected and reported pursuant to 326 IAC 3-5-1 may be used as the means for determining compliance with the emission limitations in 326 IAC 7-2. Upon such notification, the other requirements of 326 IAC 7-2 shall not apply. [326 IAC 7-2-1(e)]

(c) Compliance or noncompliance with the emission limitations contained in 326 IAC 7-1.1 or 326 IAC 7-4 can be determined by a stack test in accordance with 40 CFR 60, Appendix A, Method 6, 6A, 6C, or 8.

A determination of noncompliance pursuant to any of the methods specified in (a), (b), or (c) above shall not be refuted by evidence of compliance pursuant to the other method.

Compliance Monitoring Requirements [326 IAC 2-7-6 (1)] [326 IAC 2-7-5 (1)]

D.1.7 Particulate

The control device shall be in operation at all times when the boilers are in operation and exhausting to the outside atmosphere.

D.1.8 Visible Emissions Notations

(a) Daily visible emission notations of the boiler's stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.9 Record Keeping Requirements

(a) To document compliance with Condition D.1.1 and D.1.2, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be shall be compiled on a calendar month basis and shall be complete and sufficient to establish compliance with the PM and SO2 emission limits established in D.1.1 and D.1.2.

(1) Calendar dates covered in the compliance determination period;

(2) Actual coal usage since last compliance determination period;

(3) Sulfur content, heat content, and ash content;

(4) Sulfur dioxide emission rates.

(b) Pursuant to 326 IAC 3-7-5(a), owners or operators of sources with total coal-fired capacity greater than or equal to one hundred (100) MMBtu per hour actual heat input shall develop a standard operating procedure (SOP) to be followed for sampling, handling, analysis, quality control, quality assurance, and data reporting of the information collected pursuant to 326 IAC 3-7-2 through 326 IAC 3-7-4. In addition, any revision to the SOP shall be submitted to IDEM, OAM.

(c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.10 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.1 and D.1.2 and the tons of coal consumed monthly shall be submitted to the address listed in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.

One (1) boiler, identified as Boiler 4, segment ID 1, fueled by reclaimed residual oil, and segment ID 2, fueled by natural gas, maximum heat capacity is 90 MMBtu per hour, and exhausting to the common stack boiler.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 Particulate emission limitations for sources of indirect heating [326 IAC 6-1-15]

Pursuant to 326 IAC 6-1-15 the particulate emissions shall be limited to 875.7 tons per year and 0.75 pounds per million Btu for Boiler 4, and collectively Boiler 1, Boiler 2, Boiler 3, and Boiler 5 specified in sections D.1 and D.4.

D.2.2 Sulfur Dioxide (SO_2) [326 IAC 7-1.1-1]

Pursuant to 326 IAC 7-1.1 (SO_2 Emissions Limitations) the SO_2 emissions from Boiler 4 shall not exceed 1.6 pounds per MMBtu heat input. Based on a heating value of 140,000 Btu per gallon of oil, the fuel sulfur content of the oil used for fuel shall be limited to 1.5 percent (%).

D.2.3 Nonapplicable Requirements [326 IAC 2-7-5 (a)(2)]

The requirements that are not applicable to this boiler in accordance with Section B - Permit Shield, of this permit and 326 IAC 2-7-15 have been determined to be as follows:

(a) Boiler 4 is exempt from 40 CFR Part 60.40c Subpart Dc since the boiler was constructed in 1964 which predates the Subpart Dc applicability date of June 9, 1989.

(b) There are no New Source Performance Standards (326 IAC 12) applicable to this source.

Compliance Determination Requirement

D.2.4 Sulfur Dioxide Emissions and Sulfur Content for reclaimed residual oil

Compliance shall be determined utilizing one of the following options.

(a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the fuel oil sulfur content does not exceed one and five-tenths percent (1.5%):

Analyzing the oil sample to determine the sulfur content via the procedures in ASTM test methods as described in 326 IAC 3-7-4(a).

After replenishing the oil in any tank, but prior to burning oil from that tank, oil samples shall be collected from that tank and the testing shall be completed. A composite of the samples shall be analyzed on a weekly basis. Test results of oil that has not yet been burned shall be excluded from the composite. If the weekly analysis for oil sulfur content is less than or equal to 80% of the 1.5% (1.2%) limit for a one month period then the analysis procedures will be changed as follows:

A composite of the samples shall be analyzed on a monthly basis. Test results of oil that has not yet been burned shall be excluded from the composite. If the monthly analysis exceeds 80% of the 1.5% (i.e.1.2% sulfur by weight) limit, then weekly analysis will again be required until the sulfur content is less than or equal to 80% of the 1.5% (i.e., 1.2% sulfur by weight) limit for a one month period.

(b) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from Boiler 4, using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6.

A determination of noncompliance pursuant to either of the methods specified in (a) or (b) above shall not be refuted by evidence of compliance pursuant to the other method.

D.2.5 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM or SO_2 limit specified in Condition D.2.1and D.2.2 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

Compliance Monitoring Requirements [326 IAC 2-7-6 (1)] [326 IAC 2-7-5 (1)]

D.2.6 Visible Emissions Notations

(a) Daily visible emission notations of the boiler's stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

D.2.7 Fuel usage

When this Boiler 4 is using natural gas as fuel, there are no applicable compliance monitoring requirements.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.2.8 Record Keeping Requirements for reclaimed residual oil

(a) To document compliance with Condition D.2.2, the Permittee shall maintain records in accordance with (1) through (6) below. Note that pursuant to 40 CFR 60 Subpart Dc, the fuel oil sulfur limit applies at all times including periods of startup, shutdown, and malfunction.

(1) Calendar dates covered in the compliance determination period;

(2) Actual fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;

(3) A certification, signed by the owner or operator, that the records of the fuel supplier certifications represent all of the fuel combusted during the period; and

If the fuel supplier certification is used to demonstrate compliance the following, as a minimum, shall be maintained:

(4) Fuel supplier certifications.

(5) The name of the fuel supplier; and

(6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.

The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the monitoring sample, measurement, or report. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.

(b) To document compliance with Condition D.2.6, the Permittee shall maintain records of daily visible emission notations of the boiler's stack exhaust.

(c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.2.9 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.2.1 and D.2.2 shall be submitted to the address listed in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported for residual oil.

D.2.10 Natural gas Certification

The natural gas Boiler 4 certification form will document compliance with condition D.2.1 when the Boiler 4 is burning natural gas. The certification form shall be submitted quarterly to the address listed in Section C - General Reporting Requirements of this permit.

D.2.11 Used Oil Requirements

The used machining and cutting oil burned in the Boiler 4 shall comply with the used oil requirements specified in 329 IAC 13 (Used Oil Management). Pursuant to 329 IAC 13-3-2 (Used Oil Specifications), used oil burned for energy recovery that is classified as off-specification used oil fuel shall comply with the provisions of 329 IAC 13-8 (Used Oil Burners Who Burn Off-specification Used Oil For Energy Recovery), including:

(a) Receipt of an EPA identification number as outlined in 329 IAC 13-8-3 (Notification),

(b) Compliance with the used oil storage requirements specified in 329 IAC 13-8-5 (Used Oil Storage), and

(c) Maintaining records pursuant to 329 IAC 13-8-6 (Tracking).

The burning of mixtures of used oil and hazardous waste that is regulated under 329 IAC 3.1 is prohibited at this source.

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.

One (1) boiler, identified as boiler 5, segment ID 1, fueled by natural gas, maximum heat capacity is 120 MMBtu per hour, and exhausting to the common stack boiler.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.3.1 Particulate emission limitations for sources of indirect heating [326 IAC 6-1-15]

Pursuant to 326 IAC 6-1-15 the particulate emissions shall be limited to 875.7 tons per year and 0.75 pounds per million Btu for Boiler 5 and collectively Boiler 1, Boiler 2, Boiler 3, and Boiler 4 specified in section D.1, D.2 and D.3.

D.3.2 Nonapplicable Requirements [326 IAC 2-7-5 (a)(2)]

The requirements that are not applicable to this boiler in accordance with Section B - Permit Shield, of this permit and 326 IAC 2-7-15 have been determined to be as follows:

(a) Boiler 5 is exempt from 40 CFR Part 60.40c Subpart Dc since the boiler was constructed in 1965 which predates the Subpart Dc applicability date of June 9, 1989.

(b) There are no New Source Performance Standards (326 IAC 12) applicable to this source.

Compliance Determination Requirement

D.3.3 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition D.3.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

Compliance Monitoring Requirements [326 IAC 2-7-6 (1)] [326 IAC 2-7-5 (1)]

D.3.4 Fuel usage

The Boiler 5 is using natural gas fuel only, thus there are no applicable compliance monitoring requirements.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.3.5 Natural gas Certification

The natural gas Boiler 5 certification form will document compliance with condition D.3.1 when the Boiler 5 is burning natural gas. The certification form shall be submitted quarterly to the address listed in Section C - General Reporting Requirements of this permit.

SECTION D.4 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.

One (1) pneumatic shot blasting, identified as AC- NK8991, segment ID 1, media used is walnut shell, using a wet scrubber as control and exhausting to a stack.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.4.1 Nonattainment Area Particulate Limitations [326 IAC 6-1-2]

Pursuant to 326 IAC 6-1-2 [Nonattainment Area Particulate Limitations] the shot blaster shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)).

Process/Facility	Process Exhaust (scfm)	PM/PM_{10} Allowable Emissions (lbs/hr)	Rule Requirement gr/dscf
Shot Blaster AC-NK8991	16,000	4.1	0.03

D.4.2 Nonapplicable Requirements [326 IAC 2-7-5 (a)(2)]

The requirements that are not applicable to this shot blaster in accordance with Section B - Permit Shield, of this permit and 326 IAC 2-7-15 have been determined to be as follows:

(a) There are no New Source Performance Standards (326 IAC 12) applicable to this source.

(b) 326 IAC 6-3 (Process Operations), is not applicable because sources or facilities that are located in the nonattainment counties listed in 326 IAC 6-1-7 and have potential to emit one hundred (100) tons or more of particulate matter per year or have actual emissions of ten (10) tons or more of particulate matter per year, shall comply with the limitations of 326 IAC 6-1-2 (Nonattainment Area Particulate Limitations: Specified) rather than 326 IAC 6-3 (Process Operations).

Compliance Determination Requirement

D.4.3 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition D4.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

D.4.4 Wet Scrubber Operations

The wet scrubber, for particulate matter control shall be in operation at all times when the shot blaster is in operation and exhausting to the outside atmosphere.

Compliance Monitoring Requirements [326 IAC 2-7-6 (1)] [326 IAC 2-7-5 (1)]

D.4.5 Scrubber Operation

(a) The Permittee shall monitor and record the pressure drop and flow rate of the scrubber, at least once per week. The Compliance Response Plan for the scrubber shall contain troubleshooting contingency and corrective actions for when pressure drop and flow rate readings are outside of the normal range for any one reading.

(b) The instruments used for determining the pressure drop and flow rate shall be subject to approval by IDEM, OAM, and shall be calibrated at least once every six (6) months.

(c) An inspection shall be performed each calendar quarter of the scrubber. Defective scrubber part(s) shall be replaced. A record shall be kept of the results of the inspection and the number of scrubber part(s) replaced.

(d) In the event that a scrubber's failure has been observed:

The affected process will be shut down immediately until the failed unit has been replaced or repaired.

D.4.6 Visible Emissions Notations

(a) Daily visible emission notations of the associated control device's stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.4.7 Record Keeping Requirements

(a) To document compliance with Condition D.4.6, the Permittee shall maintain records of daily visible emission notations as specified under Condition D.4.6.

(b) To document compliance with Condition D.4.5, the Permittee shall maintain records of the wet scrubber operations as specified under Condition D.4.5.

(c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.5 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.

One (1) pneumatic shot blasting, identified as NK5448, segment ID 2, media used is steel shot, shot circulation rate is 18 tons per hour, using wet scrubber for control. (Installation date is 1965.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.5.1 Nonattainment Area Particulate Limitations [326 IAC 6-1-2] PSD [326 IAC 2-2]

Pursuant to 326 IAC 6-1-2 [Nonattainment Area Particulate Limitations] the shot blaster shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)).

Process/Facility	Process Exhaust (scfm)	PM/PM_{10} Allowable Emissions (lbs/hr)	Rule Requirement gr/dscf
Shot Blaster NK5448	16,000	4.1	0.03

D.5.2 Preventive Maintenance Plan [326 IAC 2-7-4(c)(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and its control device.

D.5.3 Nonapplicable Requirements [326 IAC 2-7-5 (a)(2)]

The requirements that are not applicable to this shot blaster in accordance with Section B - Permit Shield, of this permit and 326 IAC 2-7-15 have been determined to be as follows:

There are no New Source Performance Standards (326 IAC 12) applicable to this source.

Compliance Determination Requirement

D.5.4 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition D.5.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

D.5.5 Wet Scrubber Operations

The wet scrubber, for particulate matter control shall be in operation at all times when the shot blaster is in operation and exhausting to the outside atmosphere.

Compliance Monitoring Requirements [326 IAC 2-7-6 (1)] [326 IAC 2-7-5 (1)]

D.5.6 Scrubber Operation

(a) The Permittee shall monitor and record the pressure drop and flow rate of the scrubber, at least once per week. The Compliance Response Plan for the scrubber shall contain troubleshooting contingency and corrective actions for when pressure drop and flow rate readings are outside of the normal range for any one reading.

(b) The instruments used for determining the pressure drop and flow rate shall be subject to approval by IDEM, OAM, and shall be calibrated at least once every six (6) months.

(c) An inspection shall be performed each calendar quarter of the scrubber. Defective scrubber part(s) shall be replaced. A record shall be kept of the results of the inspection and the number of scrubber part(s) replaced.

(d) In the event that a scrubber's failure has been observed:

The affected process will be shut down immediately until the failed unit has been replaced or repaired.

D.5.7 Visible Emissions Notations

(a) Daily visible emission notations of the associated control device's stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.5.8 Record Keeping Requirements

(a) To document compliance with Condition D.5.7, the Permittee shall maintain records of daily visible emission notations as specified under Condition D.5.7.

(b) To document compliance with Condition D.5.6, the Permittee shall maintain records of the results of the inspections required under Condition D.5.6.

(c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.5.9 Reporting Requirements

A summary of the information to document compliance with Condition D.5.1 shall be submitted to the address listed in Section C - General Reporting Requirements, upon request.

SECTION D.6 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.

Four (4) pneumatic shot blasting, identified as 180732, 132641, 180532, 180548 segment ID 2, media used is steel shot, using a wet scrubber to control facilities 132641, 180532, 180548 and a baghouse to control facility 180732, and exhausting to a stack. (Installation date is December 1977.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.6.1 Nonattainment Area Particulate Limitations [326 IAC 6-1-2]

Pursuant to 326 IAC 6-1-2 [Nonattainment Area Particulate Limitations] the shot blasters shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)).

Process/Facility	Process Exhaust (scfm)	PM/PM_{10} Allowable Emissions (lbs/hr)	Rule Requirement gr/dscf
Shot Blaster 180732	4,000	1.0	0.03
Shot Blaster 132641	16,000	4.1	0.03
Shot Blaster 180532		4.1	0.03
Shot Blaster 180548		4.1	0.03

D.6.2 PSD Minor Limit [326 IAC 2-2][40 CFR 52.21]

The total potential to emit particulate matter emissions are less than 25 tons per year. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) shall not apply.

D.6.3 Preventive Maintenance Plan [326 IAC 2-7-4(c)(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and its control device.

D.6.4 Nonapplicable Requirements [326 IAC 2-7-5 (a)(2)]

The requirements that are not applicable to these shot blasters in accordance with Section B - Permit Shield, of this permit and 326 IAC 2-7-15 have been determined to be as follows:

There are no New Source Performance Standards (326 IAC 12) applicable to this source.

Compliance Determination Requirement

D.6.5 Testing Requirements [326 IAC 2-7-6(1)]

During the period within 36 months after issuance of this permit, the Permittee shall perform PM testing utilizing Methods 5 or 17 (40 CFR 60, Appendix A) for PM, or other methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration for any one of the shotblast units identified as 180732, 132641, 180532, or 180548.

D.6.6 Wet Scrubber Operation

The wet scrubber, for particulate matter control shall be in operation at all times when the shot blaster is in operation and exhausting to the outside atmosphere.

Compliance Monitoring Requirements [326 IAC 2-7-6 (1)] [326 IAC 2-7-5 (1)]

D.6.7 Scrubber Operation

(a) The Permittee shall monitor and record the pressure drop and flow rate of the scrubber, at least once per week. The Compliance Response Plan for the scrubber shall contain troubleshooting contingency and corrective actions for when pressure drop and flow rate readings are outside of the normal range for any one reading.

(b) The instruments used for determining the pressure drop and flow rate shall be subject to approval by IDEM, OAM, and shall be calibrated at least once every six (6) months.

(c) An inspection shall be performed each calendar quarter of the scrubber. Defective scrubber part(s) shall be replaced. A record shall be kept of the results of the inspection and the number of scrubber part(s) replaced.

(d) In the event that a scrubber's failure has been observed:

The affected process will be shut down immediately until the failed unit has been replaced or repaired.

D.6.8 Visible Emissions Notations

(a) Daily visible emission notations of the associated control device's stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

(Conditions D.6.9 and D.6.10 are no longer applicable to this facility.)

Record Keeping and Reporting Requirements [326 IAC 2-7-5 (3)]

D.6.11 Record Keeping Requirements

(a) To document compliance with Condition D.6.7, the Permittee shall maintain records of daily visible emission notations as specified under Condition D.6.7.

(b) To document compliance with Condition D.6.6, the Permittee shall maintain records of the results of the inspections required under Condition D.6.6.

(c) To document compliance with Condition D.6.8, the Permittee shall maintain records of the results of the inspections required under Condition D.6.8.

(d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.6.12 Reporting Requirements

A summary of the information to document compliance with Condition D.6.1 shall be submitted to the address listed in Section C - General Reporting Requirements, upon request.

SECTION D.7 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.

One (1) pneumatic shot blasting, identified as 324739, segment ID 2, media used is steel shot, shot circulation rate is 24 tons per hour, using wet scrubber for control. (Installation date is September, 1998).

One (1) pneumatic shot blasting, identified as 199672, segment ID 2, media used is steel shot, shot circulation rate is 18 tons per hour, using wet scrubber for control. (Installation date is April 1984.)

One (1) pneumatic shot blasting, identified as 132544, segment ID 2, media used is steel shot, shot circulation rate is 18 tons per hour, using wet scrubber for control. (Installation date is April 1985.)

One (1) pneumatic shot blasting, identified as 220545, media used is steel shot, using wet scrubber for control and exhausting to a stack.
(Installation date is May 1988.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.7.1 Nonattainment Area Particulate Limitations [326 IAC 6-1-2]

Pursuant to 326 IAC 6-1-2 [Nonattainment Area Particulate Limitations] the shot blasters shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)).

Process/Facility	Process Exhaust (scfm)	PM/PM_{10} Allowable Emissions (lbs/hr)	Rule Requirement gr/dscf
Shot Blaster 324739	16,000	4.1	0.03
Shot Blaster 199672	16,000	4.1	0.03
Shot Blaster 132544	16,000	4.1	0.03
Shot Blaster 220545	16,000	4.1	0.03

D.7.2 PSD Minor Limit [326 IAC 2-2][40 CFR 52.21]

The total potential to emit particulate matter emissions are less than 25 tons per year and the total PM 10 emissions from the shot blaster unit identified as 324739 is less than 15 tons per year. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) shall not apply.

D.7.3 Preventive Maintenance Plan [326 IAC 2-7-4(c)(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and its control device.

D.7.4 Nonapplicable Requirements [326 IAC 2-7-5 (a)(2)]

The requirements that are not applicable to these shot blasters in accordance with Section B - Permit Shield, of this permit and 326 IAC 2-7-15 have been determined to be as follows:
There are no New Source Performance Standards (326 IAC 12) applicable to this source.

Compliance Determination Requirement

D.7.5 Particulate Matter

(a) Pursuant to 326 IAC 2-1-3 (Construction and Operating Permit Requirements), as stated in OP 067-6375, issued on November 11, 1996, compliance stack tests shall be performed for the wet scrubber controlling shotblast machine 324739, within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up. These tests shall be performed according to 326 IAC 3-2.1 (Source Sampling Procedures) using the methods specified in the rule or as approved by the Commissioner.

(b) The Office of Air Management (OAM) shall be notified of the actual test date at least two (2) weeks prior to the date, a test protocol shall be submitted to the OAM, Compliance Data Section, 35 days in advance of the test, and all test reports must be received by the OAM within 45 days of completion of the testing, pursuant to that rule.

D.7.6 Testing Requirements [326 IAC 2-7-6(1)]

During the period within 36 months after issuance of this permit, the Permittee shall perform PM testing utilizing Methods 5 or 17 (40 CFR 60, Appendix A) for PM, or other methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration for 220545.

Compliance Monitoring Requirements [326 IAC 2-7-6 (1)] [326 IAC 2-7-5 (1)]

D.7.7 Visible Emissions Notations

(a) Daily visible emission notations of the associated control device's stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

D.7.8 Scrubber Operation

That the scrubber shall be operated at all times when the pneumatic shot blasting machines are in operation.

(a) The Permittee shall monitor and record the pressure drop and flow rate of the scrubber, at least once per week. Unless operated under conditions for which the Compliance Response Plan specifies otherwise, the pressure drop and flow rate of the scrubber shall be maintained at a range of 8 to 12 inches of water and 730 gallons per minute, respectively. The Compliance Response Plan for the scrubber shall contain troubleshooting contingency and corrective actions for when pressure drop and flow rate readings are outside of the normal range for any one reading.

(b) The instruments used for determining the pressure drop and flow rate shall be subject to approval by IDEM, OAM, and shall be calibrated at least once every six (6) months.

(c) An inspection shall be performed each calendar quarter of the scrubber. Defective scrubber part(s) shall be replaced. A record shall be kept of the results of the inspection and the number of scrubber part(s) replaced.

(d) In the event that a scrubber's failure has been observed:

The affected process will be shut down immediately until the failed unit has been replaced or repaired.

Record Keeping and Reporting Requirements [326 IAC 2-7-5 (3)]

D.7.9 Record Keeping Requirements

(a) To document compliance with Condition D.7.6, the Permittee shall maintain records of daily visible emission notations as specified under Condition D.7.6.

(b) To document compliance with Condition D.7.7, the Permittee shall maintain records of the results of the inspections required under Condition D.7.7.

(c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.8 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.

Several cold cleaner basins, identified as CC, segment ID 1, solvent used is stoddard, agitation method is manual dip and/or spray, a lid is used as control when the degreasing operation is not in use.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.8.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), the owner or operator shall:

(a) Equip the cleaner with a cover;

(b) Equip the cleaner with a facility for draining cleaned parts;

(c) Close the degreaser cover whenever parts are not being handled in the cleaner;

(d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(e) Provide a permanent, conspicuous label summarizing the operation requirements;

(f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a matter that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.8.2 Nonapplicable Requirements [326 IAC 2-7-5 (a)(2)]

The requirements that are not applicable to these cold cleaners in accordance with Section B - Permit Shield, of this permit and 326 IAC 2-7-15 have been determined to be as follows:

(a) The solvent basins, ID CC, segment ID 1, are exempt from 40 CFR 63 Subpart T since the solvent does not contain any of the cleaning solvents mentioned in the rule.

(b) There are no New Source Performance Standards (326 IAC 12) applicable to this source.

(c) There are no National Emission Standards for Hazardous Air Pollutants (NESHAP) applicable to this source.

Compliance Determination Requirements

D.8.3 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

SECTION D.9 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.

16. One (1) Wheelabrator Multi table Shotblast Deburr identified as AAA006276, media used is steel shot, recirculation rate is 48,000 pounds per hour, using a wet scrubber for control.

17. One (1) Wheelabrator #22 Super III Tumblast identified as AAA012334, media used is steel shot, recirculation rate is 56,760 pounds per hour, using a wet scrubber for control.

18. One (1) Engineered Abrasive Shot Blaster identified as AAA018493, media used is steel shot, recirculation rate is 80 pounds per hour, using a cartridge bag house for control and exhausting inside the plant;

19. One (1) Engineered Abrasive Shot Blaster identified as AAA018494, media used is steel shot, recirculation rate is 80 pounds per hour, using a wet scrubber for control.

Emission Limitations and Standards

D.9.1 Nonattainment Area Particulate Limitations [326 IAC 6-1-2]

Pursuant to 326 IAC 6-1-2 [Nonattainment Area Particulate Limitations] the shot blasters shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)).

Process / Facility	Process Exhaust (scfm)	PM / PM_{10} Allowable Emissions (lbs/hr)	Rule Requirement gr/dscf
Wheelabrator Shot Blaster Deburr (ID. #AAA006276)	4,350	1.08	0.03
Wheelabrator #22 Super III Tumblast (ID. #AAA012334)	16,000	1.3	0.03
Engineered Abrasive Shot Blaster (ID. # AAA018494)		0.13	0.03
Engineered Abrasive Shot Blaster (ID. # AAA018493)	2,000	0.06	0.03

D.9.2 PSD Minor Limit [326 IAC 2-2][40 CFR 52.21]

The total potential to emit particulate matter emissions are less than 25 tons per year and 15 tons per year of PM 10 emissions. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) shall not apply.

Compliance Determination Requirements

D.9.3 Testing Requirements [326 IAC 2-1-3]

Within 60 days after achieving maximum production rate but no later than 180 days after initial start-up, the Permittee shall perform particulate matter (PM) and PM-10 testing utilizing Methods 5 or 17 (40 CFR 60, Appendix A) for PM and Methods 201 or 201A and 202 (40 CFR 51, Appendix M) for PM-10, or other methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. PM-10 includes filterable and condensible PM-10. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance. The PM and PM-10 emission limits specified in Condition D.9.1 for Wheelabrator Shot Blaster Deburr (ID. # AAA006276), Wheelabrator # 22 Super III Tumblast (ID.# AAA012334), Engineered and Abrasive Shot Blaster (ID. # AAA018494), shall be determined by a compliance stack test conducted in accordance with Section C - Performance Testing.

D.9.4 Particulate Matter (PM)

(a) The wet scrubber(s) for PM control shall be in operation at all times when the associated shot blasting machines are in operation and exhausting to the outside atmosphere.

(b) The Cartridge Bag House for PM control shall be in operation at all times when the associated shot blasting machine is in operation and exhausting to inside the plant.

Compliance Monitoring Requirements

D.9.5 Visible Emissions Notations

(a) Daily visible emission notations of the facilities identified as Wheelabrator Multitable Shot Blaster (AAA0006276), Wheelabrator #22 Super III Tumblast (AAA012334), and Engineered Abrasive Shot Blaster (AAA018494) stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

D.9.6 Wet Scrubber Operating Condition

(a) The Permittee shall monitor and record the pressure drop and flow rate of the scrubber(s) controlling PM emissions from the shot blasting units at least once per week. The Compliance Response Plan for the scrubbers shall contain troubleshooting contingency and corrective actions for when pressure drop and flow rate readings are outside of the normal range for any one reading.

(b) The instruments used for determining the pressure drop and flow rate shall be subject to approval by IDEM, OAM, and shall be calibrated at least once every six (6) months.

(c) An inspection shall be performed each calendar quarter of the scrubbers. Defective scrubber part(s) shall be replaced. A record shall be kept of the results of the inspection and the number of scrubber part(s) replaced.

(d) In the event that a scrubber's failure has been observed:

(i) The affected process will be shut down immediately until the failed unit has been replaced or repaired.

D.9.7 Baghouse Inspections

An inspection shall be performed each calender quarter of all bags (or paper cartridge filters) controlling the associated shot blasting operations when venting to the atmosphere. A baghouse inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections are optional when venting to the indoors. All defective bags shall be replaced.

D.9.8 Broken or Failed Bag Detection

In the event that bag failure has been observed:

(a) The affected compartments will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

(b) For single compartment baghouses, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

Record Keeping and Reporting Requirement

D.9.9 Record Keeping Requirements

(a) To document compliance with Condition D.9.4, the Permittee shall maintain records of daily visible emission notations of the facilities identified as Wheelabrator Multitable Shot blast (AAA006276), Wheelabrator #22 Super III Tumblast (AAA012334), and Engineered Abrasive Shot Blaster (AAA018494) stack exhaust.

(b) To document compliance with Condition D.9.5, the Permittee shall maintain records of the results of the inspections required under Condition D.9.5.

(c) To document compliance with Condition D.9.6, the Permittee shall maintain records of the results of the inspections required under Condition D.9.6.

(d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION

PART 70 OPERATING PERMIT CERTIFICATION

Source Name: DaimlerChrysler Corporation - Kokomo Transmission Plant
Source Address: 2401 S. Reed Road, Kokomo, IN 46904
Mailing Address: P.O. Box 9007, Kokomo, IN 46904-9007
Part 70 Permit No.: T 067-6375-00065

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

9 Annual Compliance Certification Letter

9 Test Result (specify) _____

9 Report (specify) _____

9 Notification (specify) _____

9 Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT

COMPLIANCE DATA SECTION
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-6865

PART 70 OPERATING PERMIT
EMERGENCY/DEVIATION OCCURRENCE REPORT

Source Name: DaimlerChrysler Corporation - Kokomo Transmission Plant
Source Address: 2401 S. Reed Road, Kokomo, IN 46904
Mailing Address: P.O. Box 9007, Kokomo, IN 46904-9007
Part 70 Permit No.: T 067-6375-00065

This form consists of 2 pages **Page 1 of 2**

Check either No. 1 or No.2
9 1. This is an emergency as defined in 326 IAC 2-7-1(12) C The Permittee must notify the Office of Air Management (OAM), within four (**4**) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and C The Permittee must submit notice in writing or by facsimile within two (**2**) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16
9 2. This is a deviation, reportable per 326 IAC 2-7-5(3)(c) C The Permittee must submit notice in writing within ten (**10**) calendar days

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency/Deviation:
Describe the cause of the Emergency/Deviation:

If any of the following are not applicable, mark N/A **Page 2 of 2**

Date/Time Emergency/Deviation started:
Date/Time Emergency/Deviation was corrected:
Was the facility being properly operated at the time of the emergency/deviation? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency/deviation:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____
Title / Position: _____
Date: _____
Phone: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION

PART 70 OPERATING PERMIT
NATURAL GAS FIRED BOILER CERTIFICATION

Source Name: DaimlerChrysler Corporation - Kokomo Transmission Plant
Source Address: 2401 S. Reed Road, Kokomo, IN 46904
Mailing Address: P.O. Box 9007, Kokomo, IN 46904-9007
Part 70 Permit No.: T 067-6375-00065

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Report period
Beginning: _____
Ending: _____

Boiler Affected	Alternate Fuel	Days burning alternate fuel From	To

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION

Part 70 Monthly Report

Source Name: DaimlerChrysler Corporation - Kokomo Transmission Plant
Source Address: 2401 S. Reed Road, Kokomo, IN 46904
Mailing Address: P.O. Box 9007, Kokomo, IN 46904-9007
Part 70 Permit No.: T 067-6375-00065
Facility: Boilers 1, 2, and 3
Parameter: SO2
Limit: 6.0 lb/MMBtu

YEAR: _____

Month	Actual Usage (tons)	Average Sulfur content (%S by weight)	Average higher heating value (MMBtu/lb)	SO2 Emissions (lbs SO2/MMBtu)
Boiler 1 - Boiler 2 - Boiler 3 -				
Boiler 1 - Boiler 2 - Boiler 3 -				
Boiler 1 - Boiler 2 - Boiler 3 -				

Calendar Month average:

lbs SO2/MMBtu = $\frac{38 * \text{monthly average \% sulfur content}}{\text{monthly average MMBtu/ton coal}}$

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: DaimlerChrysler Corporation - Kokomo Transmission Plant
Source Address: 2401 S. Reed Road, Kokomo, IN 46904
Mailing Address: P.O. Box 9007, Kokomo, IN 46904-9007
Part 70 Permit No.: T 067-6375-00065
Facility: Boilers 1, 2, 3, 4 and 5
Parameter: PM
Limit: Total particulate matter emissions for boilers 1, 2,3, 4, and 5 shall be limited to 875.7 tons/yr.

YEAR _____

Month	Coal usage (Tons)	Residual oil (kgal)	Natural gas (MMCF)	PM emission from coal (Tons)[a]	PM emission from oil (Tons)[b]	PM emission from natural gas (Tons)[c]
1						
2						
3						

Month	Total PM (monthly)	Total PM (11 months)	Total PM Emissions (month)*
1			
2			
3			

* Total PM emissions (month) = Total PM (monthly) + Total PM (11 months)

a = tons x lbs/ton / 2000 lbs/ton= tons PM/month
b = kgal x lbs/kgal x 2000 lbs/ton = ton PM/month
c = MMCF x lbs/MMCF / 2000 lbs/ton = ton PM/month

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION

PART 70 OPERATING PERMIT
QUARTERLY COMPLIANCE MONITORING REPORT

Source Name: DaimlerChrysler Corporation - Kokomo Transmission Plant
Source Address: 2401 S. Reed Road, Kokomo, IN 46904
Mailing Address: P.O. Box 9007, Kokomo, IN 46904-9007
Part 70 Permit No.: T 067-6375-00065

Months: _____ **to** _____ **Year:** _____

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted quarterly. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.

Compliance Monitoring Requirement (e.g. Permit Condition D.1.3)	**Number of Deviations**	**Date of each Deviations**

Form Completed By: _____
Title/Position: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Management

Technical Support Document (TSD) for an Administrative Amendment to a Part 70 Operating Permit

Source Background and Description

Source Name:	**DaimlerChrysler (f/k/a Chrysler Corporation)**
Source Location:	**2401 South Reed Road, Kokomo, Indiana 46904**
County:	**Howard**
SIC Code:	**3714**
Operation Permit No.:	**067-6504-00005**
Operation Permit Issuance Date:	**September 2, 1999**
Revision No.:	**067-11399-00065**
Permit Reviewer:	**Allen R. Davidson**

On October 4, 1999, the Office of Air Management (OAM) received an application from DaimlerChrysler to make the following changes to a Part 70 permit:

(a) change the person listed as the responsible official,

(b) correct typographical errors, including the description of one control device,

(c) remove one shot blasting unit, and

(d) modify the language in the oil sampling procedures.

History

DaimlerChrysler was issued a Part 70 permit for a transmission casting plant and a transmission assembly plant on September 2, 1999. The two plants are considered as one emission source.

This application is the first revision since that date. All of the changes are administrative except for the changes in the oil sampling language.

The oil sampling procedures presently allow the oil to be used immediately after a sample is taken. This language could cause a noncompliance scenario if the oil sample tests unfavorably and the results are not known until after it is used. DaimlerChrysler requests that the language be changed to require the testing be complete before burning the oil. OAM concluded that this change would result in more stringent monitoring.

The oil sampling procedures presently require a sample be taken on the same day a tank is filled. DaimlerChrysler requests that the language be changed to require a sample be taken between the time a tank is filled and the time that tank is used. OAM concluded that this change would result in a change in monitoring that is not considered environmentally significant.

The oil sampling procedures presently require all oil samples be included in a weekly or monthly analysis. This language could cause a noncompliance scenario if compliant oil is present but unused while noncompliant oil is used. DaimlerChrysler requests that the language be changed to require the exclusion of all oil samples that are not burned (compliant or otherwise) from the composite until that oil is used. This change will also allow DaimlerChrysler to reject high sulfur oil before it is ever used. OAM concluded that this change would result in more stringent monitoring.

Enforcement Issues

There are no enforcement actions pending against this emission source.

Stack Summary

There are no changes in stacks related to this modification.

Recommendation

The staff recommends to the Commissioner that the revision be approved as a minor source modification. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on October 4, 1999.

Emission Calculations

Emissions will remain unchanged. There are no emission calculations associated with this modification.

Potential To Emit

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as "the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA."

The potential to emit (as defined in 326 IAC 2-1.1-1(16)) of all pollutants will remain unchanged. The revision involves changes to monitoring that are either more stringent or not considered environmentally significant. Therefore, the revision is classifiable as an administrative amendment subject to the provisions of 326 IAC 2-7-11.

Federal Rule Applicability

There are no changes in federal rule applicability as a result of this modification. The requirements are being reiterated here for convenience:

(a) There are no New Source Performance Standards (326 IAC 12) applicable to this source.

(b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAP) applicable to this source.

(c) 40 CFR 63 Subpart T (National Emission Standards for Halogenated Solvent Cleaning)
The solvent basins, ID CC, segment ID 1, are exempt from this rule since the solvent does not contain any of the cleaning solvent mentioned in the rule.

(d) 40 CFR Part 60.40c Subpart Dc
Boilers 1, 2, and 3 are exempt from Subpart Dc since the boilers were constructed in 1955 which predates the Subpart Dc applicability date of June 9, 1989.

(e) 40 CFR Part 60.40c Subpart Dc
Boiler 4 is exempt from Subpart Dc since the boiler was constructed in 1964 which predates the Subpart Dc applicability date of June 9, 1989.

(f) 40 CFR Part 60.40c Subpart Dc
Boiler 5 is exempt from Subpart Dc since the boiler was constructed in 1965 which predates the Subpart Dc applicability date of June 9, 1989.

State Rule Applicability - Entire Source

There are no changes in state rule applicability as a result of this modification. The requirements are being reiterated here for convenience:

326 IAC 2-2 and 40 CFR 52.21 (Prevention of Significant Deterioration)

Pursuant to 326 IAC 2-2 and CFR 52.21(Prevention of Significant Deterioration), this source is a major source because the potential emissions are greater than 250 tons per year. This status includes those activities at the source that are considered insignificant activities.

326 IAC 2-6 (Emission Reporting)

This source is subject to 326 IAC 2-6 (Emission Reporting), because it has the potential to emit more than one hundred (100) tons per year of criteria pollutants. Pursuant to this rule, the owner/operator of the source must annually submit an emission statement for the source. The annual statement must be received by July 1 of each year and contain the minimum requirement as specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8)(Emission Statement Operating Year).

326 IAC 5-1 (Visible Emissions Limitations)

Pursuant to 326 IAC 5-1-2 (Visible Emissions Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), visible emissions shall meet the following, unless otherwise stated in this permit:

(a) Visible emissions shall not exceed an average of forty percent (40%) opacity in twenty-four (24) consecutive readings as determined by 326 IAC 5-1-4,

(b) Visible emissions shall not exceed sixty percent (60%) opacity for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) in a six (6) hour period.

326 IAC 8-2-1 (Surface coating emission limitations)

This rule does not apply to this source since no surface coating operations exist.

State Rule Applicability - Individual Facilities

There are no changes in state rule applicability as a result of this modification. The requirements are being reiterated here for convenience:

(a) 326 IAC 6-1-15 Nonattainment area particulate limitations: Howard County
Particulate emissions shall be limited to 875.7 tons per year and 0.75 pounds per million Btu for boilers numbered 1, 2, 3, 4 (segment 1 and 2) and 5. See appendix in the TSD for detailed calculation. Based on these calculations, the 5 boilers will comply with the rule.

Calculations:

The Chrysler Corporation is located in an attainment county, Howard County, however, it is listed as one of the sources in rule 326 IAC 6-1-15 which requires Chrysler Corporation to meet a lower PM limit for boilers 1, 2, 3, 4, and 5. Thus, Chrysler Corporation shall meet the requirements of rule 326 IAC 6-1-15 instead of rule 326 IAC 6-2-3.

Boilers	*Year constructed*	*MMBtu/hr*	*Fuel used*
1	*1955*	*47*	*coal*
2	*1955*	*47*	*coal*
3	*1955*	*47*	*coal*
4 seg. 1	*1964*	*90*	*oil*
4 seg. 2	*1964*	*90*	*natural gas*
5	*1965*	*120*	*natural gas*
total		*441*	

Pursuant to 326 IAC 6-1-15 boilers 1,2,3, 4 (segment 1 and 2), and 5 have been limited to 0.75 pounds of particulate matter emitted per million BTU heat input instead of 0.8 lbs/MMBtu as specified under 326 IAC 6-2. Please refer to the calculations below for details:

On February 26, 1993, OAM received a letter from Chrysler [Corporation] stating that boiler 5 will no longer burn oil. All the plumbing for the oil has been removed. Boiler 5 will only burn natural gas. This fuel change shall meet the PM limit of 0.75 lbs/MMBtu.

Boilers	*MMBtu/hr and fuel used*	*Allowable PM tons/yr*	*Potential PM tons/yr*	*Compliance with 326 IAC 6-1-15*	*Allowable SO2 lbs/MMBtu*	*Potential SO2 lbs/MMBtu*	*Compliance with 326 IAC 7-1.1-2*
1	*47 - coal*	*154.4*	*130.6 - after control*	*yes*	*6.0*	*2.3*	*yes*
2	*47 - coal*	*154.4*	*130.6 - after control*	*yes*	*6.0*	*2.3*	*yes*
3	*47 - coal*	*154.4*	*130.6 - after control*	*yes*	*6.0*	*2.3*	*yes*
4	*90 - oil & NG**	*oil - 295.7 NG - 295.7*	*oil -19.7 - potential NG - 5.4 - potential*	*yes*	*oil - 1.6*	*oil - 1.1*	*yes*
5	*120 - NG*	*394.2*	*2.6 - potential*	*yes*	-----	-----	-----
	Total Allowable 875.7	>	*442.9*	*yes*			

** NG = natural gas*

(b) Sulfur Dioxide (SO2) [326 IAC 7-1.1-1]
Pursuant to 326 IAC 7-1.1 (SO2 Emissions Limitations) the SO2 emissions from each 47MMBtu per hour coal fueled boilers 1, 2, and 3 shall not exceed 6.0 pounds per MMBtu heat input. Based on the calculations in the TSD, boilers 1, 2, and 3 will comply with the rule.

(c) Sulfur Dioxide (SO2) [326 IAC 7-1.1-1]
Pursuant to 326 IAC 7-1.1 (SO2 Emissions Limitations) the SO2 emissions from 90 MMBtu per hour residual oil-fueled boiler 4, segment ID 1, shall not exceed 1.6 pounds per MMBtu heat input. Based on the calculations in the TSD, boiler 4 will comply with the rule.

(d) Sulfur Dioxide (SO2) [326 IAC 7-1.1-1]
Pursuant to 326 IAC 7-1.1 (SO2 Emissions Limitations) boiler 5 is exempt from this rule since the boiler is burning natural gas with a heat capacity of 120 MMBtu per hour.

Air Toxic Emissions

Indiana presently requests applicants to provide information on emissions of the 188 hazardous air pollutants (HAPs) set out in the Clean Air Act Amendments of 1990. These pollutants are either carcinogenic or otherwise considered toxic and are commonly used by industries. They are listed as hazardous air pollutants on the Office of Air Management (OAM) Part 70 Application Form GSD-08.

This revision will not affect the source's potential to emit hazardous air pollutants.

Conclusion

This revision shall be subject to the conditions of the attached administrative amendment, 067-11399-00065.